FORM PTO-1390 (REV. 07-2005)

U.S. DEPARTMENT OF COMMERCE PATENT AND THE WARR OFFICE OF THE ATTORNEY'S DOCKET NUMBER.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

065435-9062-US00

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

New 371 Pagn OApprost 2n247

11002111001011 0110211100 010.0.371						
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE					
PCT/GB2004/002685	23 June 2004 (23.06.2004)					

PRIORITY DATE CLAIMED 24 June 2003 (24.06.2003)

TITLE OF INVENTION

DETE	CTI	ON	SY	ST	ΈM

		HONSISIEM
		NT(S) FOR DO/EO/US HINGS, Matthew Ian; HONG, Hee-Jeon; and BUTTNER, Mark Jeremy
		t herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:
1.	×	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.	×	The US has been elected (Article 31).
5.	×	A copy of the International Application as filed (35 U.S.C. 371(c)(2))
	a.	☐ is attached hereto (required only if not communicated by the International Bureau).
	b.	kas been communicated by the International Bureau.
	c.	☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
	an'	is attached hereto.
	b.	☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7.	X	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
	a.	are attached hereto (required only if not communicated by the International Bureau).
	b.	☐ have been communicated by the International Bureau.
	c.	☐ have not been made; however, the time limit for making such amendments has NOT expired.
	d.	kave not been made and will not be made.
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
Iten	ns 11	to 20 below concern document(s) or information included:
11.	X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with copies of references.
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.	Ø	A preliminary amendment.
14.	×	An Application Data Sheet under 37 CFR 1.76.
15.		A substitute specification and marked-up version.
16.		A power of attorney and/or change of address letter.
17.	×	A paper and computer-readable form of the sequence listing including a Sequence Listing Statement in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.	×	Other items or information: Return receipt postcard.

10/562247

IAPO ROC'O PCT/PTO 22 DEC 2009

		ATTORNEY'S DOCKET NUMBER				
New 371 Patent Application PCT/GB2004/002685 The following fees have been submitted:		065435-9062-US00 CALCULATIONS	PTO USE ONLY			
21. ⊠ Basic national fee (37 CFR 1.492(a))			\$300	110 052 01101		
22. 🗷 Examir	nation fee (3	37 CFR 1.492(c))				
			international preliminary exa rovisions of PCT Article 33(\$200	
All other situ	uations			\$200		
23. 🗵 Search	fee (37 CFR	R 1.492(b))				
			ational preliminary examinat of PCT Article 33(1)-(4)			
			the international application		\$400	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400			:			
All other situ	ations			\$500		<u></u> .
				L of 21, 22 and 23 =	\$900	
			iled in paper over 100 sheets	(excluding sequence		
listing in commedium) (37 C			(e) or computer program list	ting in an electronic		
, ,		•	aper or fraction thereof.			
,		<u></u>	tional 50 or fraction thereof	DATE		
Total Sheets	Extra Sheets		tional 50 or fraction thereof of a whole number)	RATE		
-100	/50=	0		x \$250	\$0	
			earch fee, examination fee, or e national stage (37 CFR 1.4)		\$	
CLAIM		NUMBER FILED	NUMBER EXTRA	RATE		
Total cla		26-20 =		x \$ 50	\$300	
Independent		1-3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				\$ \$1200		
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			\$1200			
				SUBTOTAL =	\$1200	
			lish translation later than 30 r		\$	-
earliest claim	ied priority (date (37 CFR 1.492(i)).	TOTAL	+ NATIONAL FEE =	\$1200	
			FR 1.21(h)). The assignment	must be	\$	
accompanied	by an appro	opriate cover sheet (37 C	CFR 3.28, 3.31). \$40 per prop			
			TOTAL F	EES ENCLOSED =	\$1200 Amount to be refunded:	\$
					Amount to be charged:	\$
a. 🗷 A ch	neck in the a	mount of \$1,200 cover t	he above fees is enclosed.			
b. 🗖 Plea	ise charge m	y Deposit Account No.	50-0842 in the amount of \$ _	to cover the above	fees. A duplicate copy of the	his sheet is enclosed.
c. E The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0842. A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
	-		· · · · · · · · · · · · · · · · · · ·		- 11	· ·
SEND ALL CO	SEND ALL CORRESPONDENCE TO: Wallus & Gran					<u>u</u> .
Charlene L. Yager Customer No. 23510			TURE (//			
Michael Best & Friedrich LLP Charlen		e L. Yager				
One S. Pinckney Street, Suite 700						
P.O. Box 1806 Madison, WI 53701-1806 48,887 REGISTE				·		
REGISTRATION NUMBER						
I beeck seeds.	Abox Abir	1/ 6 1 1 1 1	with the United States Postal Service	"E Mail Bass Office	a to Addresses" Everage Mail La	hal No. EV 510709650 110

service under 37 CFR 1.10 on the date of my signature and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 22, 2005

Signature

Date